

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050946

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D221/12 A61K31/473 C07D401/10 C07D417/10

According to International Patent Classification (IPC) or to both national classification and IPC /

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/42020 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK G.M.B.H., GERMANY) 20 July 2000 (2000-07-20) the whole document	1-17
Y	WO 99/05111 A (BYK GULDEN LOMBERG CHEMISCHE FABRIK G.M.B.H., GERMANY) 4 February 1999 (1999-02-04) the whole document	6-8, 10
A		1-5, 9, 11-17
P, Y	WO 2004/019944 A (ALTANA PHARMA AG; KAUTZ, ULRICH; SCHMIDT, BEATE) 11 March 2004 (2004-03-11) the whole document	6-8, 10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the International filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

11 August 2005

Date of mailing of the International search report

19/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fink, D

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2005/050946

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 16 and 17 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/050946

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0042020	A	20-07-2000	AU 774868 B2	08-07-2004
			AU 2289600 A	01-08-2000
			BG 105561 A	31-12-2001
			BR 0007527 A	04-12-2001
			CA 2359440 A1	20-07-2000
			CN 1336919 A ,C	20-02-2002
			CZ 20012248 A3	12-09-2001
			EA 3780 B1	28-08-2003
			EE 200100350 A	15-10-2002
			WO 0042020 A1	20-07-2000
			EP 1147089 A1	24-10-2001
			HR 20010578 A1	31-08-2002
			HU 0105001 A2	29-04-2002
			ID 29070 A	26-07-2001
			JP 2002534508 T	15-10-2002
			NO 20013341 A	17-09-2001
			NZ 512872 A	25-07-2003
			PL 348925 A1	17-06-2002
			SK 9802001 A3	03-12-2001
			TR 200101938 T2	21-12-2001
			UA 69436 C2	15-11-2001
			US 6476025 B1	05-11-2002
			ZA 200104864 A	15-04-2003
WO 9905111	A	04-02-1999	AT 260899 T	15-03-2004
			AU 753615 B2	24-10-2002
			AU 8977098 A	16-02-1999
			CA 2297923 A1	04-02-1999
			CZ 20000282 A3	16-08-2000
			DE 69822162 D1	08-04-2004
			DE 69822162 T2	27-01-2005
			DK 998460 T3	05-07-2004
			EE 200000033 A	16-10-2000
			WO 9905111 A1	04-02-1999
			EP 0998460 A1	10-05-2000
			ES 2217575 T3	01-11-2004
			HU 0002510 A2	28-12-2000
			JP 2001510825 T	07-08-2001
			PL 338339 A1	23-10-2000
			PT 998460 T	30-07-2004
			SI 998460 T1	31-08-2004
			US 6410551 B1	25-06-2002
WO 2004019944	A	11-03-2004	AU 2003255493 A1	19-03-2004
			CA 2495827 A1	11-03-2004
			WO 2004019944 A1	11-03-2004
			EP 1539164 A1	15-06-2005